



Figure 6 - Descriptor Posting Message Flows

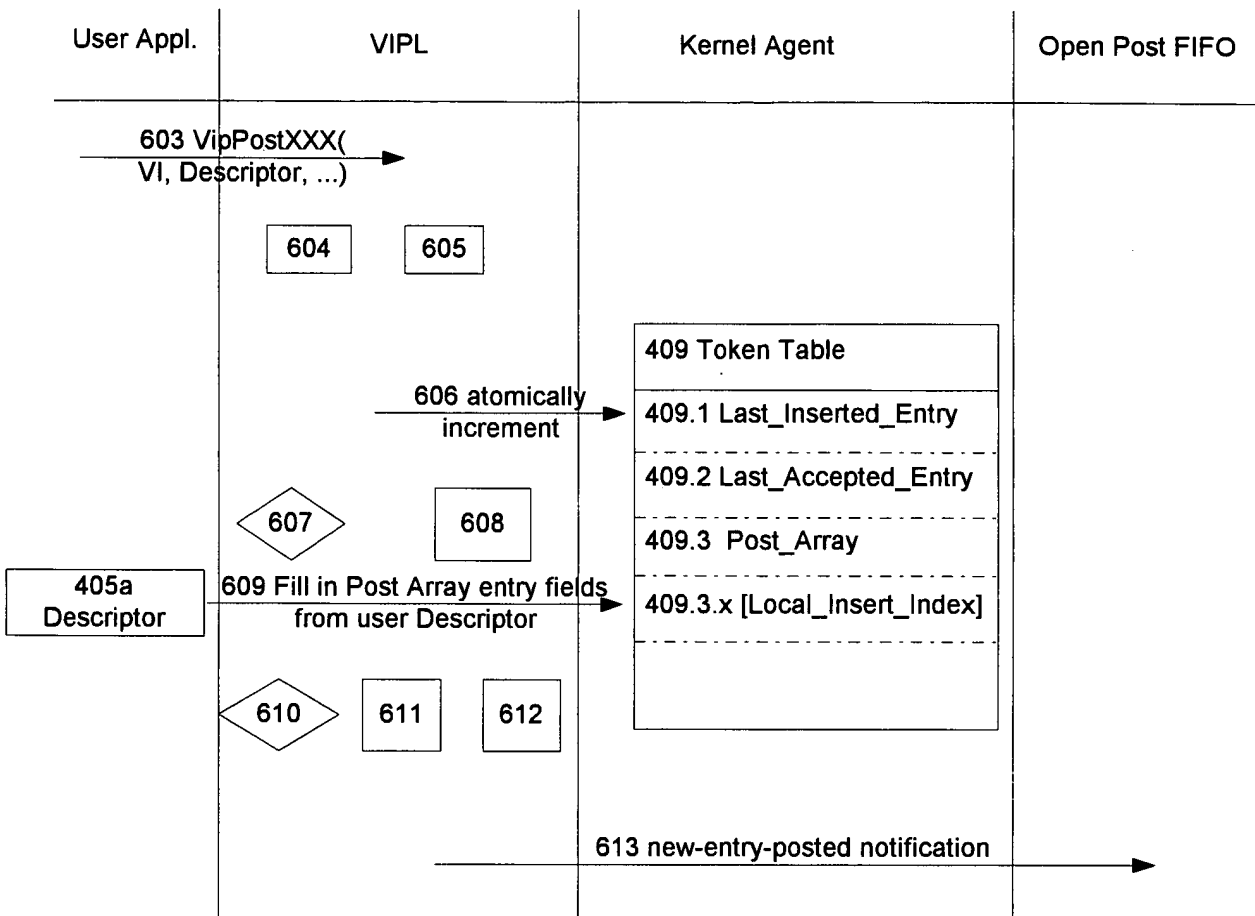


Figure 7- Msg Unit Descriptor
Processing Message Flows

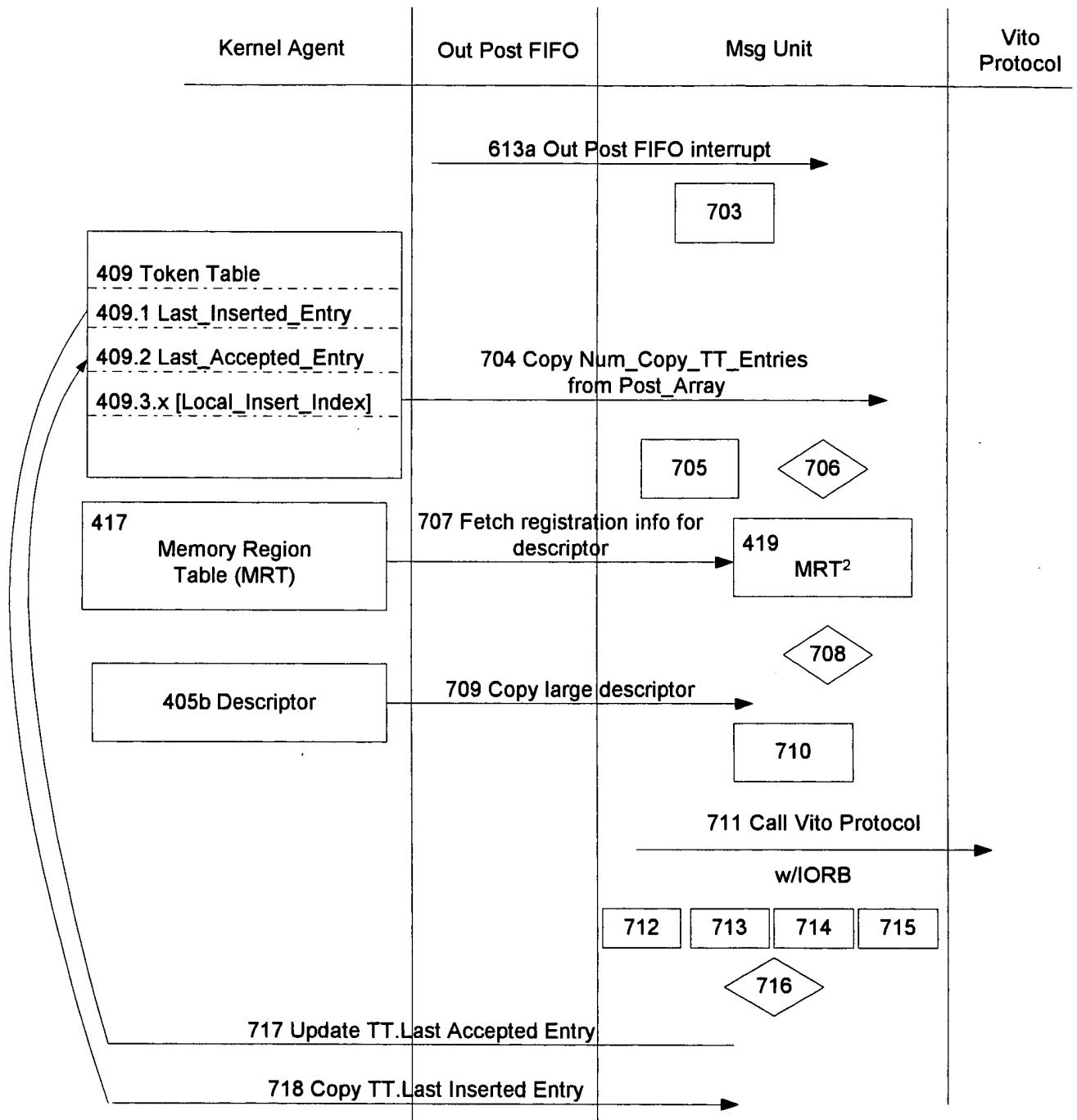


FIGURE 14 – VITO-FC FCP_CMD IU UPDATES

SCSI Fibre Channel Protocol FCP_CMD Information Unit

Vito over SCSI Fibre Channel Protocol FCP_CMD Information Unit

	Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
FCP_LUN	0	First Level LUN		Second Level LUN		0	VI Number		Remote VI Number	
	1	Third Level LUN		Fourth Level LUN		1	Reserved			
FCP_CNTL	2	Cmd Ref Num	Task Codes	Task Mgmt Flags	Exec Mgmt Codes	2	VI Control Segment Flags		VI Operation Type	FCP RW bits
	3	1 st Byte of CDB				3	Reserved			
FCP_CDB	4					4	RDMA Remote Memory Handle			
	5					5	Upper RDMA Remote Memory Virtual Address			
	6				16 th Byte of CDB	6	Lower RDMA Remote Memory Virtual Address			
FCP_DL	7	Data Length				7	Data Length			
Additional FCP_CDB	8-n	Additional FCP_CDB				8-n	Unused			

Figure 15 – Vito-FC RCP_RESP IU Updates

SCSI Fibre Channel Protocol FCP_RESP Information Unit					Vito over SCSI Fibre Channel Protocol FCP_RESP Information Unit				
Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
reserved	0				0				
	1				1				
FCP_STATUS	2	reserved	Validity Flags	SCSI Status Bytes	2	reserved	reserved	Validity Flags	SCSI Status Byte
FCP_RESID	3				3				
FCP_SNS_LEN	4	(length of PCP_SNS_INFO in bytes)			4	(0=Good FCP_RESP and 8=Bad FCP_RESP)			
FCP_RSP_LEN	5	(0, 4 or 8 bytes per FCP)			5	(0=Good FCP_RESP and 8=Bad FCP_Resp)			
FCP_RSP_INFO	6	reserved	reserved	RSP_CODE	6	Reserved	reserved	reserved	RSP_CODE
	7	reserved	reserved	reserved	7	reserved	reserved	reserved	reserved
FCP_SNS_INFO	8-n	(variable length as defined by the FCP_SNS_LEN)			8-n	VI Status Code			